

Simply Science™ • Aligns with National and State Standards

Electricity

Standard	How Simply Science Aligns
<p>Physical Science</p> <ul style="list-style-type: none">• Knows that electricity in circuits can produce light, heat, sound and magnetic effects	<ul style="list-style-type: none">• Identifies things that use electricity. (Ch. 1)• Understands the use of magnetic and electric forces. (Ch. 3-5)• Understands how electricity flows in circuits (Ch. 4)
<ul style="list-style-type: none">• Knows that electrically charged material can attract and repel other charged materials	<ul style="list-style-type: none">• Discovers that electricity can charge materials that can attract and repel other charged materials. (Ch 4-5)• Understands circuits and how they can electrically charge material. (Ch. 4)
<ul style="list-style-type: none">• Classifies matter based on its physical properties including magnetism, physical state, and the ability to conduct or insulate heat, electricity and sound	<ul style="list-style-type: none">• Knows how to identify matter that can conduct electricity (Ch. 1-5)• Knows the properties of matter that can conduct electricity (Ch. 1-5)• Identifies insulators (Ch 3)• Identifies conductors (Ch 3)
<ul style="list-style-type: none">• Knows that matter is made up of tiny particles called atoms, and different arrangements of atoms into groups compose all substances	<ul style="list-style-type: none">• Demonstrates knowledge about matter and how it is made up of atoms. (Ch. 3-5)
<ul style="list-style-type: none">• Knows the organization of a simple electrical circuit.	<ul style="list-style-type: none">• Identifies simple, parallel and series circuits. (Ch. 4)